## STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES  AMENDED REPORT  DIVISION OF OIL, GAS AND MINING													
APPLICATION FOR PERMIT TO DRILL									1. WELL NAME and NUMBER Ute Tribal 18-02-D4				
2. TYPE OF WORK  DRILL NEW WELL REENTER P&A WELL DEEPEN WELL									3. FIELD OR WILDCAT DUCHESNE				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO									5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME OF OPERATOR  PETROGLYPH OPERATING CO									7. OPERATOR PHONE 208 685-7685				
8. ADDRESS OF OPERATOR  960 Broadway Avenue, Ste 500, Boise, ID, 83703									9. OPERATOR E-MAIL ppowell@pgei.com				
	L LEASE NUMBER	11. MINERAL OWN					12. SURFACE OWNERSHIP						
(FEDERAL,	INDIAN, OR STATE	E) IND5351	FEDERAL	EDERAL INDIAN ( STATE FEE				FEDERAL INDIAN STATE FEE					
13. NAME C	F SURFACE OWN				14. SURFACE OWNER PHONE (if box 12 = 'fee')								
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 960 Broadway Ave. Ste. 500, Boise, ID 83707									16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
					NTEND TO COMMINGLE PRODUCTION FROM FILE FORMATIONS				19. SLANT				
(11 50x 12 -	· INDIAN )		YES (Sub	(Submit Commingling Application) NO				VERTICAL DIRECTIONAL HORIZONTAL					
20. LOCATION OF WELL FO			OTAGES	Q	TR-QTR	SECTION		том	TOWNSHIP RANGE		MERIDIAN		
LOCATION AT SURFACE 378 FN				L 2221 FEL		NWNE	18		4.0 S		4.0 W	4.0 W U	
Top of Uppermost Producing Zone 660 FN				L 1980 FEL		NWNE	18		4.0 S		4.0 W	0 W U	
At Total D	epth	L 1980 FEL	NWNE		18		4.0 S		4.0 W	<i>I</i> U			
21. COUNTY DUCHESNE 22. DIS					STANCE TO NEAREST LEASE LINE (Feet) 378				23. NUMBER OF ACRES IN DRILLING UNIT 4150				
					STANCE TO NEAREST WELL IN SAME POOL ied For Drilling or Completed) 1665				<b>26. PROPOSED DEPTH</b> MD: 9127 TVD: 9104				
27. ELEVATION - GROUND LEVEL 28. BG					BOND NUMBER  LPM4138336				29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-8342				
		7001		Hole. Cas	Hole, Casing, and Cement Information								
String	Hole Size								Wt.	Cement	Sacks	Yield	Weight
Cond	20	16 0 - 53 5.0			Unknown 1			)	Class G	25	1.17	15.8	
Surf Prod	12.25 7.875	8.625 5.5	0 - 220				_	10.0		Class G Class G	1010 558	1.17	15.8
FIOU	7.075	5.5	0 - 912	7 17.0	F-	TIULIAC		10.0		Class G	674	1.46	13.4
ATTACHMENTS													
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES													
<b>⊯</b> WEI	LL PLAT OR MAP P	COMPLETE DRILLING PLAN											
AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER							
DIRE	ECTIONAL SURVE	Y PLAN (IF DIREC	RIZONTALLY DRIL	TALLY DRILLED) TOPOGRAPHICAL MAP									
NAME Ed Trotter					TITLE Agent PHON				<b>IE</b> 435 789-4120				
SIGNATURE					DATE 11/18/2014 EMAI				L edtrotter@easilink.com				
API NUMBER ASSIGNED 43013532220000					APPROVAL BACKETT								
					Permit Manager								

